

ABSTRACT OF THE DISCLOSURE

A device providing an enclosure for electronic components of an RF filter, trap, or the like for use in a CATV system. The device includes a hollow, cylindrical body portion with male and female headers at opposite ends with mutually engaged portions of the body and headers serving to rotationally lock the body and headers to one another. The mutually engaged portions comprise a pair of notches in each end of the body member and a pair of tabs on each of the headers which extend into the corresponding notches, the tabs and notches having substantially equal widths to prevent rotation of the headers relative to the body upon application of a torque, such as occurs when the devices are installed and threaded to an adjoining connector. In addition to the single body version, the invention is disclosed in a six-pole version having three body members arranged in successive, coaxial relation and rotationally locked to the headers at each end and to adjoining body members. In both versions, the body member(s) and header(s) are maintained in longitudinally assembled relation without the conventional induction soldering operation. In the first embodiment the body and headers are enclosed in a closely fitting sleeve having opposite ends which are formed over the peripheries of the headers. In the second embodiment, longitudinally adjoining members are joined by interference fit with a locking ring and groove to lock the inner body to the header..